GOVERNMENT OF INDIA
PETROLEUM AND NATURAL GAS
LOK SABHA

STARRED QUESTION NO:506
ANSWERED ON:10.05.2007
NEW TECHNIQUE FOR PRODUCTION OF LPG
Masood Shri Rasheed

Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) whether the Indian Oil Corporation has developed a new technique for production of LPG;

(b) if so, the details thereof;

(c) the target fixed for increasing the production of LPG with the help of this new technique;

(d) the extent to which import of LPG is likely to decrease due to this technique;

(e) whether petro-chemicals are also likely to be produced with the help of this new technique; and

(f) if so, the details thereof ?

Answer

MINISTER OF PETROLEUM AND NATURAL GAS (SHRI MURLI DEORA)

(a) to (f): A statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (f) OF THE LOK SABHA STARRED QUESTION NO. 506 BY SHRI RASHEED MASOOD TO BE ANSWERED ON 10TH MAY, 2007 REGARDING NEW TECHNIQUE FOR PRODUCTION OF LPG.

(a) &(b): Yes, Sir. Indian Oil Corporation (IOC) has developed INDMAX process technology, which has been patented for maximization of LPG production in refineries. This technology can double the LPG yield as compared to existing Catalytic Cracking Technology.

(c): INDMAX technology can be implemented in grassroot refinery project as well as for refineries installing new Catalytic Cracking Units. It is operational at Guwahati Refinery since June, 2003. It has also been selected for Paradip Refinery (IOCL) and Bongaigaon Refinery and Petrochemicals Limited (BRPL). The expected LPG production from Paradip Refinery is 0.90 million tonnes per year and from BRPL is 0.226 million tonnes per year on commissioning these units. They are expected to go on stream in the year 2010-2011.

(d): At the end of the 11th Plan period, the overall availability of LPG in the country is projected to be almost equal to the estimated demand. This is on account of the refining capacity expansion as well as installation of INDMAX technology units.

(e)&(f): Yes, Sir. INDMAX technology can produce propylene, butylenes and Ethylene which can be utilized for petrochemicals production.